

Abstract of the Disclosure

A disc-drive system and method for generating logical zones that each have an approximate number of spare sectors, and that are used to translate logical block
5 addresses. A disc drive includes a disc-drive housing and a disc assembly mounted to rotate within the housing. A transducer is positionable to transduce data to and from first, second and third zones. An address translator translates a logical block address to a position address. A controller is operable to control positioning of the transducer based on the position address, wherein a first predetermined number of
10 spare sectors are allocated to the first zone, and a second predetermined number of spare sectors are allocated to the second zone and third zone combined. Some embodiments further include a logical zone table, wherein each logical zone includes one or more zones based on a number of defects found in each zone, in order that each logical zone includes a similar number of defects.

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